



## 1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Power Divider

Part No: CPD00500M08600A02

Date: July.19<sup>th</sup>.2023

Revision No: Preliminary

## 2. Electrical Specifications

Parameter		Specification	Remark
Frequency Range		500-8600MHz	
Insertion loss		≤1.50dB (Exclusive 3.0dB Split Loss)	
VSWR	0.5-5.9GHz	≤1.50 (Input) // ≤1.30 (Output)	
	5.9-8.6GHz	≤1.25	
Amplitude Balance		≤±0.2dB	
Phase Balance		≤±2degree	
Isolation		≥20dB	
Average Power		20W ( Forward ) 1W (Reverse)	
Impedance		50Ω	

## 3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	64.0x30.0x10.0mm	
Connector Type	SMA-female	
Surface Finish	本导喷砂	

## 4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-40 to +80 °C	
Storage Temperature	-45 to +85 °C	

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*Professional manufacturer of  
passive microwave components*

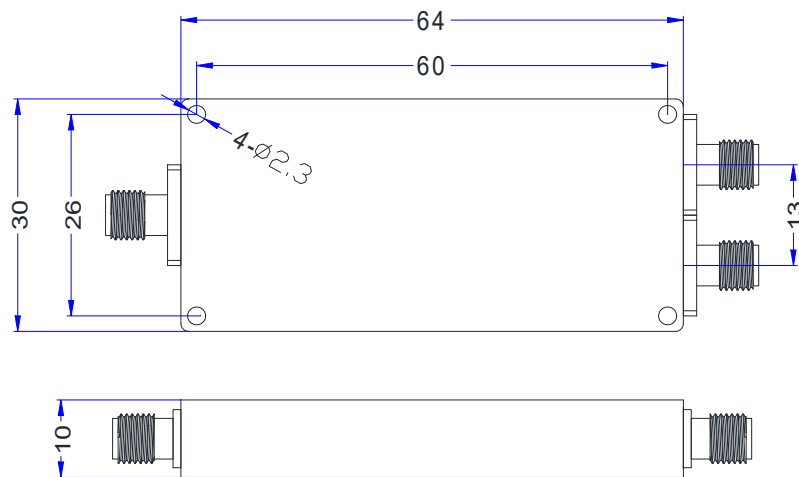
DN: CN0216-July./19th/2018

Technical Specifications

## 5. Outline Drawing ( $\pm 0.5\text{mm}$ )



**CONCEPT**



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## 6. Test Curves

